

Appendix Table 5-50

S&E articles in biological sciences, by coauthorship attribute and selected region/country/economy: 2000-2013

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
World														
Total articles	188,345	193,594	195,469	201,163	215,527	227,207	235,797	247,646	261,612	272,783	285,391	313,338	333,131	348,042
with multiple institutions	99,089	84,016	87,334	131,378	146,031	156,219	163,481	174,307	185,635	186,371	191,885	216,089	233,843	248,979
with domestic institutions only	158,367	167,544	168,152	159,701	170,244	179,061	185,350	193,496	203,775	211,386	219,725	240,650	252,574	261,414
with international institutions	29,978	26,050	27,317	41,462	45,283	48,146	50,447	54,150	57,837	61,397	65,666	72,688	80,557	86,628
Canada														
Total articles	8,441	8,360	8,319	9,524	10,062	10,742	11,103	11,747	12,159	12,355	12,631	13,320	14,688	14,849
with multiple institutions	5,173	4,290	4,456	7,174	7,830	8,514	8,586	9,301	9,723	9,621	9,786	10,563	11,717	11,991
with domestic institutions only	5,558	5,834	5,713	5,279	5,398	5,706	5,866	6,220	6,294	6,285	6,207	6,417	6,888	6,852
with international institutions	2,883	2,526	2,606	4,245	4,664	5,036	5,237	5,527	5,865	6,070	6,424	6,903	7,800	7,997
Mexico														
Total articles	1,129	1,184	1,342	1,596	1,712	1,884	2,095	2,226	2,571	2,620	2,728	3,039	3,291	3,543
with multiple institutions	705	666	758	1,266	1,394	1,525	1,685	1,832	2,136	2,101	2,191	2,466	2,643	2,926
with domestic institutions only	687	792	937	881	934	1,061	1,167	1,216	1,388	1,463	1,494	1,667	1,823	1,992

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	442	392	405	715	778	823	928	1,010	1,183	1,157	1,234	1,372	1,468	1,551
United States														
Total articles	68,796	69,902	69,252	74,356	79,296	80,839	81,297	84,303	85,203	87,596	89,213	94,841	100,415	102,420
with multiple institutions	42,344	34,400	34,759	53,428	59,756	61,690	62,433	65,077	66,630	65,442	65,253	71,246	76,379	79,369
with domestic institutions only	53,614	57,051	56,084	53,658	56,542	57,021	56,788	58,054	57,705	58,500	58,286	60,844	62,899	62,411
with international institutions	15,182	12,851	13,168	20,698	22,754	23,818	24,509	26,249	27,498	29,096	30,927	33,997	37,516	40,009
Argentina														
Total articles	1,338	1,292	1,479	1,621	1,656	1,728	1,969	2,022	2,268	2,468	2,586	2,819	3,054	2,987
with multiple institutions	686	610	776	1,143	1,243	1,343	1,464	1,555	1,768	1,822	1,922	2,133	2,360	2,389
with domestic institutions only	980	973	1,064	983	953	962	1,153	1,155	1,311	1,458	1,542	1,654	1,760	1,645
with international institutions	358	319	415	638	703	766	816	867	957	1,010	1,044	1,165	1,294	1,342
Brazil														
Total articles	2,889	3,014	3,702	4,139	4,780	4,932	6,256	6,990	7,938	8,307	8,980	10,032	11,350	12,109
with multiple institutions	1,951	1,826	2,272	3,251	3,847	3,927	5,057	5,746	6,505	6,666	7,132	8,210	9,306	10,219
with domestic institutions only	1,993	2,311	2,894	2,940	3,323	3,474	4,551	5,160	5,814	6,172	6,619	7,274	8,190	8,593
with international institutions	896	703	808	1,199	1,457	1,458	1,705	1,830	2,124	2,135	2,361	2,758	3,160	3,516
Chile														
Total articles	383	390	518	582	648	724	774	915	1,003	1,050	1,109	1,291	1,343	1,512

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	270	241	316	455	541	593	645	757	817	836	896	1,064	1,123	1,273
with domestic institutions only	199	224	327	282	297	355	385	439	486	518	529	617	611	658
with international institutions	184	166	191	300	351	369	389	476	517	532	580	674	732	854
Austria														
Total articles	1,508	1,581	1,688	1,871	2,040	2,089	2,103	2,331	2,477	2,624	2,759	3,000	3,194	3,477
with multiple institutions	1,012	964	1,025	1,445	1,674	1,728	1,723	1,897	2,058	2,101	2,227	2,489	2,723	2,958
with domestic institutions only	787	887	945	808	817	826	805	887	867	930	943	980	955	1,016
with international institutions	721	694	743	1,063	1,223	1,263	1,298	1,444	1,610	1,694	1,816	2,020	2,239	2,461
Belgium														
Total articles	2,481	2,435	2,447	2,862	3,059	3,301	3,132	3,349	3,584	3,858	4,069	4,467	4,826	5,066
with multiple institutions	1,691	1,475	1,511	2,296	2,500	2,756	2,603	2,865	3,088	3,298	3,475	3,829	4,228	4,421
with domestic institutions only	1,306	1,424	1,366	1,182	1,286	1,324	1,267	1,247	1,308	1,424	1,421	1,526	1,556	1,597
with international institutions	1,175	1,011	1,081	1,680	1,773	1,977	1,865	2,102	2,276	2,434	2,648	2,941	3,270	3,469
Czech Republic														
Total articles	1,066	1,167	1,198	1,389	1,513	1,521	1,709	1,972	2,132	2,210	2,458	2,427	2,678	2,870
with multiple institutions	656	601	726	1,105	1,205	1,246	1,383	1,660	1,736	1,715	1,876	1,920	2,119	2,353
with domestic institutions only	686	797	790	789	870	850	922	1,048	1,177	1,175	1,301	1,246	1,349	1,292

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	380	370	408	600	643	671	787	924	955	1,035	1,157	1,181	1,329	1,578
Denmark														
Total articles	2,169	2,129	2,056	2,433	2,500	2,553	2,698	2,773	2,906	3,039	3,208	3,476	3,914	4,300
with multiple institutions	1,507	1,365	1,351	1,934	2,038	2,103	2,269	2,396	2,524	2,573	2,708	3,009	3,361	3,742
with domestic institutions only	1,158	1,197	1,105	1,102	1,110	1,046	1,040	1,023	1,026	1,049	1,129	1,123	1,332	1,377
with international institutions	1,011	932	951	1,331	1,390	1,507	1,658	1,750	1,880	1,990	2,079	2,353	2,582	2,923
Finland														
Total articles	1,798	1,803	1,787	2,028	2,049	2,107	2,169	2,239	2,341	2,307	2,404	2,555	2,780	2,821
with multiple institutions	1,244	1,120	1,142	1,654	1,688	1,763	1,806	1,942	2,045	1,996	2,042	2,184	2,436	2,472
with domestic institutions only	1,085	1,155	1,142	1,013	1,039	1,049	1,066	980	1,051	997	970	1,059	1,028	979
with international institutions	713	648	645	1,015	1,010	1,058	1,103	1,259	1,290	1,310	1,434	1,496	1,752	1,842
France														
Total articles	11,512	11,159	10,821	11,765	12,217	12,570	12,684	13,045	13,485	13,910	14,232	15,016	16,211	16,531
with multiple institutions	7,626	6,462	6,406	9,258	9,835	10,259	10,362	10,942	11,425	11,769	11,992	12,925	14,069	14,554
with domestic institutions only	7,164	7,341	7,014	6,175	6,228	6,206	6,191	6,149	6,159	6,067	6,208	6,468	6,775	6,683
with international institutions	4,348	3,818	3,807	5,590	5,989	6,364	6,493	6,896	7,326	7,843	8,024	8,548	9,436	9,848
Germany														
Total articles	14,763	14,592	14,507	15,857	16,682	17,653	17,773	18,593	19,289	19,990	20,507	21,668	23,600	24,294

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	8,935	7,868	7,936	11,708	12,737	13,661	13,699	14,513	15,258	15,423	15,748	16,865	18,739	19,533
with domestic institutions only	9,374	9,746	9,655	8,654	8,842	9,137	9,128	9,215	9,413	9,573	9,322	9,812	10,377	10,395
with international institutions	5,389	4,846	4,852	7,203	7,840	8,516	8,645	9,378	9,876	10,417	11,185	11,856	13,223	13,899
Greece														
Total articles	948	876	1,065	1,041	1,224	1,359	1,605	1,540	1,924	1,811	1,813	1,849	1,971	2,030
with multiple institutions	546	439	543	785	921	1,078	1,278	1,284	1,467	1,417	1,330	1,476	1,555	1,599
with domestic institutions only	636	630	763	625	762	845	963	852	1,168	991	1,033	980	1,021	1,008
with international institutions	312	246	302	416	462	514	642	688	756	820	780	869	950	1,022
Hungary														
Total articles	1,001	997	1,111	1,213	1,236	1,458	1,446	1,515	1,836	1,593	1,448	1,750	1,775	1,744
with multiple institutions	653	607	625	945	1,005	1,093	1,124	1,177	1,352	1,249	1,132	1,393	1,397	1,433
with domestic institutions only	595	630	720	615	593	810	777	816	1,071	818	713	799	840	759
with international institutions	406	367	391	598	643	648	669	699	765	775	735	951	935	985
Ireland														
Total articles	618	626	598	729	858	915	976	1,138	1,271	1,422	1,585	1,786	1,799	1,701
with multiple institutions	377	339	344	554	643	693	780	903	994	1,109	1,269	1,369	1,502	1,420
with domestic institutions only	357	387	360	335	377	451	414	469	528	580	644	778	710	638

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	261	239	238	394	481	464	562	669	743	842	941	1,008	1,089	1,063
Italy														
Total articles	7,120	6,925	7,324	8,202	8,549	8,887	9,266	9,924	10,538	11,039	11,042	12,058	12,948	13,816
with multiple institutions	4,710	4,154	4,341	6,420	6,826	7,302	7,579	8,149	8,707	8,843	8,723	9,783	10,667	11,500
with domestic institutions only	4,818	4,853	5,247	5,115	5,317	5,263	5,612	5,757	6,068	6,270	6,154	6,512	6,885	7,121
with international institutions	2,302	2,072	2,077	3,087	3,232	3,624	3,654	4,167	4,470	4,769	4,888	5,546	6,063	6,695
Netherlands														
Total articles	4,749	4,576	4,831	5,302	5,557	5,860	5,777	6,031	6,484	6,562	6,989	7,602	8,605	8,998
with multiple institutions	3,223	2,740	2,822	4,206	4,621	4,850	4,757	5,169	5,520	5,571	5,946	6,557	7,505	7,884
with domestic institutions only	2,724	2,869	2,988	2,584	2,610	2,695	2,599	2,484	2,693	2,617	2,737	2,811	3,079	3,149
with international institutions	2,025	1,707	1,843	2,718	2,947	3,165	3,178	3,547	3,791	3,945	4,252	4,791	5,526	5,849
Poland														
Total articles	2,434	2,528	2,666	2,954	2,925	3,140	3,292	3,272	3,495	3,595	3,815	4,105	4,611	5,272
with multiple institutions	1,155	1,028	1,265	1,983	1,898	2,148	2,285	2,299	2,397	2,367	2,471	2,724	3,093	3,605
with domestic institutions only	1,843	1,998	2,089	2,054	2,013	2,154	2,188	2,159	2,355	2,402	2,580	2,777	3,114	3,621
with international institutions	591	530	577	900	912	986	1,104	1,113	1,140	1,193	1,235	1,328	1,497	1,651
Portugal														
Total articles	733	759	799	1,054	1,141	1,200	1,389	1,465	1,808	1,979	2,062	2,437	2,937	3,140

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	547	475	549	876	951	1,028	1,192	1,265	1,565	1,689	1,755	2,120	2,557	2,791
with domestic institutions only	375	442	438	503	501	522	541	595	730	833	820	985	1,135	1,168
with international institutions	358	317	361	551	640	678	848	870	1,078	1,146	1,242	1,452	1,802	1,972
Romania														
Total articles	162	182	170	194	224	192	250	288	500	687	779	901	1,008	1,107
with multiple institutions	99	100	110	151	177	139	181	227	396	500	579	710	695	878
with domestic institutions only	91	123	117	87	107	102	143	128	286	456	559	610	697	690
with international institutions	71	59	53	107	117	90	107	160	214	231	220	291	311	417
Spain														
Total articles	5,278	5,498	5,862	6,502	6,860	7,588	8,164	8,319	9,364	9,879	10,493	11,367	12,793	12,796
with multiple institutions	3,081	2,783	3,200	4,681	5,128	5,824	6,212	6,443	7,376	7,486	8,004	9,035	10,281	10,457
with domestic institutions only	3,705	4,149	4,284	4,174	4,239	4,641	4,903	4,813	5,328	5,544	5,754	5,910	6,512	6,383
with international institutions	1,573	1,349	1,578	2,328	2,621	2,947	3,261	3,506	4,036	4,335	4,739	5,457	6,281	6,413
Sweden														
Total articles	3,923	3,970	3,961	4,368	4,385	4,517	4,569	4,628	4,781	4,897	5,038	5,308	5,849	6,219
with multiple institutions	2,593	2,399	2,417	3,428	3,518	3,604	3,730	3,822	4,013	4,018	4,155	4,424	4,990	5,375
with domestic institutions only	2,186	2,398	2,316	2,000	1,944	1,985	1,901	1,895	1,876	1,824	1,772	1,804	1,851	2,009

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	1,737	1,572	1,645	2,368	2,441	2,532	2,668	2,733	2,905	3,073	3,266	3,504	3,998	4,210
United Kingdom														
Total articles	17,609	16,948	16,777	18,165	19,350	19,380	20,074	20,726	21,484	21,748	22,325	23,130	24,852	25,886
with multiple institutions	10,661	9,122	8,807	12,843	14,144	14,364	14,779	15,777	16,527	16,450	16,903	17,950	19,815	21,006
with domestic institutions only	11,157	11,348	11,164	9,725	10,013	9,771	10,106	9,867	10,075	9,802	9,600	9,610	9,644	9,587
with international institutions	6,452	5,600	5,613	8,440	9,337	9,609	9,968	10,859	11,409	11,946	12,725	13,520	15,208	16,299
Norway														
Total articles	1,170	1,157	1,203	1,282	1,407	1,507	1,677	1,772	1,766	1,951	2,033	2,270	2,423	2,537
with multiple institutions	743	692	734	1,042	1,145	1,242	1,419	1,448	1,500	1,631	1,739	1,991	2,172	2,225
with domestic institutions only	693	705	724	602	615	680	717	758	733	809	754	831	778	884
with international institutions	477	452	479	680	792	827	960	1,014	1,033	1,142	1,279	1,439	1,645	1,653
Russia														
Total articles	4,544	4,531	4,456	4,717	5,080	4,941	3,391	3,630	3,910	3,976	4,283	4,614	4,826	4,852
with multiple institutions	1,551	1,497	1,459	2,040	2,057	2,201	1,976	2,144	2,282	2,264	2,500	2,726	2,896	3,072
with domestic institutions only	3,635	3,695	3,586	3,475	3,838	3,634	2,166	2,317	2,594	2,644	2,956	3,195	3,252	3,122
with international institutions	909	836	870	1,242	1,242	1,307	1,225	1,313	1,316	1,332	1,327	1,419	1,574	1,730
Switzerland														
Total articles	3,701	3,567	3,566	4,035	4,416	4,420	4,704	4,903	5,100	5,408	5,707	6,371	7,081	7,385

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	2,509	2,143	2,138	3,167	3,522	3,624	3,857	4,090	4,277	4,446	4,717	5,345	5,945	6,360
with domestic institutions only	1,780	1,933	1,918	1,519	1,651	1,528	1,662	1,601	1,586	1,696	1,687	1,846	2,025	2,042
with international institutions	1,921	1,634	1,648	2,516	2,765	2,892	3,042	3,302	3,514	3,712	4,020	4,525	5,056	5,343
Iran														
Total articles	214	227	342	472	618	805	1,287	1,795	2,267	2,712	3,290	6,107	5,546	5,656
with multiple institutions	123	98	165	338	464	649	968	1,369	1,709	2,064	2,509	4,338	4,204	4,439
with domestic institutions only	163	186	276	337	444	555	991	1,330	1,742	2,133	2,569	5,124	4,532	4,595
with international institutions	51	41	66	135	174	250	296	465	525	579	721	983	1,014	1,061
Israel														
Total articles	2,213	2,114	2,105	2,375	2,381	2,372	2,401	2,489	2,513	2,530	2,608	2,743	2,882	2,912
with multiple institutions	1,446	1,259	1,217	1,775	1,831	1,855	1,875	1,990	2,009	1,950	2,030	2,138	2,265	2,345
with domestic institutions only	1,380	1,349	1,373	1,288	1,267	1,235	1,264	1,324	1,267	1,285	1,229	1,295	1,339	1,298
with international institutions	833	765	732	1,087	1,114	1,137	1,137	1,165	1,246	1,245	1,379	1,448	1,543	1,614
Saudi Arabia														
Total articles	209	213	219	265	215	225	265	265	353	482	909	1,546	1,836	2,519
with multiple institutions	121	85	108	183	146	158	183	185	260	351	682	1,242	1,551	2,148
with domestic institutions only	131	158	150	154	133	132	160	148	157	208	326	468	481	636

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	78	55	69	111	82	93	105	117	196	274	583	1,078	1,355	1,883
Turkey														
Total articles	887	1,122	1,449	1,802	2,039	2,236	2,443	2,547	2,569	2,960	3,350	3,760	3,490	3,637
with multiple institutions	489	489	786	1,303	1,546	1,694	1,778	1,914	1,893	2,080	2,369	2,641	2,608	2,806
with domestic institutions only	682	954	1,210	1,413	1,568	1,769	1,947	2,018	2,017	2,371	2,685	3,016	2,690	2,794
with international institutions	205	168	239	389	471	467	496	529	552	589	665	744	800	843
Egypt														
Total articles	372	407	443	521	481	493	598	650	839	1,257	1,356	2,170	2,480	2,769
with multiple institutions	193	188	248	365	324	366	434	481	605	930	1,033	1,662	1,909	2,228
with domestic institutions only	243	295	273	282	275	247	325	369	484	719	723	1,217	1,390	1,333
with international institutions	129	112	170	239	206	246	273	281	355	538	633	953	1,090	1,436
South Africa														
Total articles	1,223	1,238	1,344	1,396	1,516	1,642	1,777	1,841	2,083	2,185	2,409	2,683	2,756	3,154
with multiple institutions	626	536	660	985	1,133	1,231	1,363	1,476	1,656	1,716	1,885	2,109	2,183	2,567
with domestic institutions only	858	918	953	724	749	806	847	792	924	929	1,068	1,143	1,075	1,245
with international institutions	365	320	391	672	767	836	930	1,049	1,159	1,256	1,341	1,540	1,681	1,909
China														
Total articles	6,728	8,380	8,517	10,583	14,205	20,130	23,709	27,371	30,805	33,358	36,097	41,221	46,342	55,326

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	2,123	2,034	2,835	5,570	7,439	11,176	14,009	16,880	19,504	21,665	23,752	28,025	32,342	39,347
with domestic institutions only	5,728	7,440	7,339	8,340	11,457	16,749	19,812	22,725	25,389	27,103	28,679	32,376	35,655	42,519
with international institutions	1,000	940	1,178	2,243	2,748	3,381	3,897	4,646	5,416	6,255	7,418	8,845	10,687	12,807
India														
Total articles	4,103	4,393	4,266	5,153	5,756	6,295	6,905	8,065	8,521	10,545	14,516	18,678	20,342	20,069
with multiple institutions	1,582	1,461	1,487	2,653	3,012	3,311	3,771	4,483	4,852	5,996	7,916	10,511	11,689	11,492
with domestic institutions only	3,577	3,930	3,705	4,270	4,754	5,174	5,701	6,732	7,048	8,803	12,441	16,245	17,517	17,029
with international institutions	526	463	561	883	1,002	1,121	1,204	1,333	1,473	1,742	2,075	2,433	2,825	3,040
Japan														
Total articles	17,501	16,518	16,810	17,453	18,306	18,000	17,735	17,745	18,109	17,821	17,329	17,954	18,578	19,084
with multiple institutions	11,084	9,221	9,069	13,068	14,099	14,185	14,108	14,264	14,542	13,879	13,509	14,199	14,880	15,447
with domestic institutions only	14,044	13,540	13,821	12,903	13,375	13,082	12,617	12,650	12,928	12,522	11,962	12,145	12,375	12,688
with international institutions	3,457	2,978	2,989	4,550	4,931	4,918	5,118	5,095	5,181	5,299	5,367	5,809	6,203	6,396
Malaysia														
Total articles	236	213	270	262	326	434	519	652	858	1,546	1,873	2,986	2,678	2,734
with multiple institutions	147	123	151	181	246	298	379	457	626	1,062	1,328	2,130	1,964	2,189
with domestic institutions only	124	111	179	137	171	252	312	400	538	1,055	1,219	1,964	1,673	1,497

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with international institutions	112	102	91	125	155	182	207	252	320	491	654	1,022	1,005	1,237
Singapore														
Total articles	389	404	523	620	885	1,027	1,140	1,186	1,282	1,480	1,752	1,859	2,164	2,333
with multiple institutions	236	234	284	485	693	815	896	989	1,060	1,223	1,418	1,571	1,858	2,048
with domestic institutions only	243	253	340	304	452	512	530	488	555	584	678	689	711	715
with international institutions	146	151	183	316	433	515	610	698	727	896	1,074	1,170	1,453	1,618
South Korea														
Total articles	2,507	2,607	2,926	3,680	4,459	4,565	4,862	5,362	6,385	6,616	7,368	8,385	9,119	9,749
with multiple institutions	1,507	1,515	1,776	2,889	3,638	3,738	4,011	4,407	5,234	5,347	5,958	6,799	7,473	7,911
with domestic institutions only	1,915	2,070	2,248	2,642	3,134	3,162	3,327	3,752	4,554	4,663	5,106	5,779	6,307	6,722
with international institutions	592	537	678	1,038	1,325	1,403	1,535	1,610	1,831	1,953	2,262	2,606	2,812	3,027
Taiwan														
Total articles	1,445	1,584	1,638	1,752	2,170	2,294	2,550	2,547	3,067	3,081	3,433	3,918	4,278	4,585
with multiple institutions	931	905	943	1,384	1,824	1,965	2,228	2,251	2,714	2,728	3,024	3,510	3,891	4,175
with domestic institutions only	1,148	1,282	1,355	1,361	1,622	1,719	1,919	1,870	2,235	2,222	2,422	2,798	3,057	3,218
with international institutions	297	302	283	391	548	575	631	677	832	859	1,011	1,120	1,221	1,367
Australia														
Total articles	5,738	5,748	5,856	6,319	6,888	7,281	7,850	8,091	8,919	9,315	9,934	10,838	11,957	13,550



Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
with multiple institutions	3,467	3,066	3,147	4,757	5,360	5,790	6,154	6,571	7,178	7,328	7,967	8,758	9,889	11,305
with domestic institutions only	3,891	4,069	4,093	3,564	3,790	3,936	4,319	4,221	4,698	4,761	4,780	5,175	5,459	6,104
with international institutions	1,847	1,679	1,763	2,755	3,098	3,345	3,531	3,870	4,221	4,554	5,154	5,663	6,498	7,446
New Zealand														
Total articles	1,353	1,291	1,315	1,503	1,592	1,742	1,728	1,867	1,932	2,004	2,222	2,243	2,494	2,642
with multiple institutions	741	625	719	1,116	1,220	1,402	1,373	1,483	1,562	1,532	1,679	1,754	1,923	2,104
with domestic institutions only	921	875	869	799	790	839	813	916	830	905	993	966	1,085	1,084
with international institutions	432	416	446	704	802	903	915	951	1,102	1,099	1,229	1,277	1,409	1,558

NOTES: Article counts refer to publications from a selection of journals, books, and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a region/country/economy on the basis of the institutional address(es) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating country/economy is credited with one count). Countries/economies with less than 1% of internationally coauthored articles in 2013 are omitted. Articles with multiple institutions are counts of articles with two or more institutional addresses. Articles with domestic institutions only are counts of articles with one or more institutional addresses all within a single country/economy. Articles with international institutions are counts of articles with institutional addresses from more than one country/economy.

SOURCES: National Science Foundation, National Center for Science and Engineering Statistics; SRI International; Science-Metrix; Elsevier, Scopus abstract and citation database (www.scopus.com).

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